

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Dong Hee Sim; Dong Youn Seo; Bong Hoe Kim  
Serial No:  
Filed: Herewith  
For: SIGNAL PROCESSING METHOD IN MIMO  
SYSTEM AND APPARATUS THEREOF

Art Unit:  
Examiner:

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for filing is the patent application identified above.

- ☒ 3 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.  
☒ 20 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.  
☒ An assignment of the invention to LG Electronics Inc. ☒ is enclosed ☐ will follow.  
☐ An associate power of attorney ☐ is enclosed ☐ will follow.  
☐ Inventor(s) or Assignee(s) is entitled to small entity status under 37 C.F.R. §§ 1.9 & 1.27.  
☒ Declaration and Power of Attorney ☒ is enclosed ☐ will follow.  
☒ A certified copy of Korean Patent Application No. 2002-74226 filed on November 25, 2003, from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119 ☒ will follow ☐ is enclosed.  
☐ IDS enclosed (☐ with references).  
☐ Preliminary Amendment is enclosed.

CALCULATION OF FEES									
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE	
A	TOTAL CLAIMS FEE	14	-20	0	LG=\$18 SM=\$9	\$ 18	\$ 0		
B	INDEPENDENT CLAIMS FEE*	4	-3	1	LG=\$86 SM=\$43	\$ 86	\$ 86		
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							\$ 86	
D	MULTIPLE-DEPENDENT CLAIMS FEE					LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0	
E	BASIC FEE					LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385		\$ 770	
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							\$ 856	
G	ASSIGNMENT RECORDING FEE							\$ 40	\$ 40
	*LIST INDEPENDENT CLAIMS [LIST OF INDEPENDENT CLAIMS]								

- ☒ A check in the amount of \$ 856 to cover the filing fee is enclosed.  
☒ A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.

- ☒ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 502290. A copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. § 1.16
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17

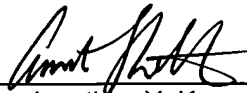
Respectfully submitted,

LEE, HONG, DEGERMAN, KANG & SCHMADEKA

Date: November 26, 2003

Customer No. 035884

801 S. Figueroa Street, 14th Floor  
Los Angeles, California 90017  
Telephone: (213) 623-2221  
Facsimile: (213) 623-2211

By:   
Jonathan Y. Kang  
Registration No. 38,199  
F. Jason Far-Hadian  
Registration No. 42,523  
Amit Sheth  
Registration No. 50,176  
Attorney for Applicant(s)